Internet Programming Techniques

Project Proposal

Project Name : Blood Bank Application

Class : BSSE(III)-Evening (Section A)

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Blood Bank Application

We propose to develop a web application for blood bank. In this application we deal with donor as well as some blood bank , basically it for donors who want to donate blood for needy peoples like Thalassemia patients and other like them .After hosting this application on internet any user can register himself and then after login they see blood bank and they can represent themselves as a donor by donating blood or make schedule to donate blood. A user cannot give blood within 15 days. An admin will have rights to see all donors and blood banks.

Modules :

- **Donor Registration :** User can register himself with required credentials including his blood group.

- **Donor Login :** User login and after login a user profile page appear in which user information is present with some more details regarding his blood group, means which person donate him blood and vice versa.

- **All Donor List :** There is page of all user list containing a search bar in which he can search donor with respect to blood group and city and after that a list appear and then he can contact the donor using his contact number.

- **All Blood bank List :** User will get a list of multiple blood banks and will able to select to donate blood to a particular blood bank and this will make him unable to donate blood to other blood banks for 15 days.

- **Search by blood group :** Search donor by blood groups.

- **Queries and Feedback**: one more page is for queries of all members and admin will have right to see all the registered member and he can reply to those queries.

Development Stack Requirements:

We develop this app in the following technologies:

- Anguler.js/React.js
- Node.js
- Express.js
- Mongo dB

Submission of Project :

Submission of this project will be at the end of Semester.